

THE WOMEN IN SCIENCE AND ENGINEERING COUNCIL
of the
U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION III
presents the
2004 *STUDENT CHALLENGE*
ENVIRONMENTAL SCIENCE FAIR

Are you creative?
Are you curious?
Are you interested in the environment around you?

Take the *Student Challenge* on **Friday, May 7, 2004**. Young women -- your future could start here. The more you challenge yourself now, the more confidence you will have to challenge yourself later. Taking the *Student Challenge* will open new doors!

The Women In Science and Engineering (WISE) Council of the U.S. Environmental Protection Agency (EPA) - Region III challenges high school girls to demonstrate their knowledge and creativity. The *Student Challenge* is your chance to be recognized for your scientific efforts.

The *Student Challenge* theme is the Environment. We recognize that this is a broad topic. We are interested in projects that have a connection to the environment, including, but not limited to, projects that assess issues pertaining to the environment and projects that illustrate impacts to the environment. If you already have a science or engineering project that is related to our theme, or would like to create a new one, EPA and WISE encourage you to submit your project.

Participants will:

- **Display their project;**
- **Participate in educational and skills-building workshops;**
- **Spend the day meeting scientists and engineers; and**
- **Win achievement awards presented at an Awards Ceremony on the same day**

To compete, you must:

- Be a 9th-12th grade female student;
- Have developed an original science or engineering project relating to the environment; and
- Ensure that your application is received at EPA's Region III Office by **Friday, March 12, 2004.**

If you have any questions, please call Stacie Peterson at (215) 814-5173 on weekdays between 9:00 a.m. and 4:00 p.m. or e-mail her at peterston.stacie@epa.gov

SEND APPLICATIONS TO:

U.S. ENVIRONMENTAL PROTECTION AGENCY - Region III
Attn.: STACIE PETERSON (3WP32)
1650 ARCH STREET
PHILADELPHIA, PA 19103-2029

Applications can also be downloaded from <http://www.epa.gov/region03/student> and submitted electronically at peterston.stacie@epa.gov ***However, if submitted electronically, a copy of the permission slip MUST be signed and postally mailed.***

2004
U.S. Environmental Protection Agency - Region III
Women In Science and Engineering Council
STUDENT CHALLENGE

Application
(please print or type)

Yes, I accept the *Student Challenge* _____
Signature of Student

Student's Name _____ Telephone(____) _____
Address _____
City _____ State _____ Zip Code _____
E-Mail _____
Grade _____

Name of School _____
County Where School Is Located _____
School Address _____
City _____ State _____ Zip Code _____
School Telephone Number(____) _____

PERMISSION:

NAME OF PARENT/GUARDIAN _____

I give permission for the above named student to participate all day in the *Student Challenge* on Friday, May 7, 2004. The *Student Challenge* will be held at EPA Region III's office in Philadelphia at 17th and Arch Streets.

Signature of Parent/Guardian

NAME OF PRINCIPAL/TEACHER _____

I give permission for the above named student to participate all day in the *Student Challenge* on Friday, May 7, 2004. The *Student Challenge* will be held at EPA Region III's office in Philadelphia at 17th and Arch Streets.

Signature of Principal/Teacher

STUDENT CHALLENGE

**PLEASE READ ALL QUESTIONS BEFORE WRITING YOUR ANSWERS.
(You may use additional paper as necessary to respond to each question.)**

Part I -- Concept

1. What is the title of your project?

2. Is your project a team or individual project (please circle)? Individual Team
If your project is a team project, please list your team members.

3. What inspired your project?

4. What is the purpose of your project? What problem(s) does it solve?

5. Summarize your results (be brief).

Part II -- Environment

6. How does your project focus on the environment (i.e., environmental and human health impact, benefit, assessment, protection)? Please explain.

7. How is your project design environmentally friendly? (What components did you select? What processes did you choose? How does your project minimize impact on our air, water, and soil resources? How did you minimize waste? How did you manage wastes?)

THANK YOU FOR ENTERING THE *STUDENT CHALLENGE*! PLEASE MAKE SURE THE APPLICATION IS RECEIVED BY FRIDAY, MARCH 12, 2004. SEND THE APPLICATION TO:

**U.S. Environmental Protection Agency
Attn.: Stacie Peterson (3WP32)
1650 Arch Street
Philadelphia, PA 19103-2029**

****Copies of this letter and application can be downloaded at <http://www.epa.gov/region03/student> Applications can then be submitted electronically to peterston.stacie@epa.gov *However, if submitted electronically, a copy of the permission slip MUST be signed and postally mailed.***